

CLAIMS

1. An organic positive temperature coefficient
thermistor device comprising a pair of electrodes
disposed so as to oppose each other, and a thermistor
5 body having a positive resistance-temperature
characteristic disposed between the electrodes, wherein
the thermistor body consists of a cured product of a
mixture containing an epoxy resin including a flexible
epoxy resin, a curing agent, and an electrically
10 conductive particle.

2. An organic positive temperature coefficient
thermistor device according to claim 1, wherein the
epoxy resin includes 3 to 100 % by mass of the flexible
epoxy resin based on the total mass of the epoxy resin.

15 3. An organic positive temperature coefficient
thermistor device comprising a pair of electrodes
disposed so as to oppose each other, and a thermistor
body having a positive resistance-temperature
characteristic disposed between the electrodes, wherein
20 the thermistor body consists of a cured product of a
mixture containing a flexible epoxy resin having a
bending elasticity of 2700 MPa or less and an
electrically conductive particle.

25 4. An organic positive temperature coefficient
thermistor device according to any of claims 1 to 3,
wherein the conductive particle has a surface provided

with a protrusion.